

VARIABLE COMPRESSION RATIO CONNECTING ROD FOR INTERNAL COMBUSTION ENGINE

Abstract

A variable compression ratio connecting rod for an internal combustion engine includes a large end adapted for attachment to a crankshaft and a small end adapted for attachment to a piston. An adjustable four-bar link system extends between and links the large end and the small end so as to permit the length of the connecting rod to be adjusted through the action of an adjustable toggle link and an eccentric which is driven by inertia forces acting upon the connecting rod.